

# Technical Data Sheet

## Product: SKS-30 ARKPM/ SBR-1502

### Description

Styrene-butadiene rubber SKS-30 ARKPM (SBR-1502) is a styrene and butadiene copolymer obtained by emulsification method with the use of mixture of rosin and fatty acids soaps. It is stabilized by non-staining antioxidant.

The monomers are registered under EU REACH.

### Application

SKS-30 ARKPM (SBR-1502) is a general-purpose rubber. It is widely used in tire, rubber technical, footwear and other industries.

### Specifications

| Parameter  | Value     | Test Method          |
|--|-----------|----------------------|
| Mooney viscosity MML 1+4 (100°C)                   | 48-58     | ASTM D 1646 (7.2.2)  |
| Mooney viscosity spread within a batch, units, max | 8         | -                    |
| Volatile matter content, %, max (1 hour)           | 0,8       | ASTM D 5668 (C)      |
| Ash content, %, max                                | 0,5       | ASTM D 5667 (part A) |
| Bound styrene content, %                           | 22 – 25   | ASTM D 5775          |
| Antioxidant VS-1 content, %                        | 1,0 – 2,0 | -                    |
| Oil (TDAE) content, %                              | 5,0 – 7,0 | ASTM D 5774          |
| Solvent extract content, %                         | 0,30      | ASTM D 5774          |
| Organic acids content, %                           | 13,0      | ASTM D 412 (A)       |
| Organic acids soaps content, %, max                | 22,5      | ASTM D 412 (A)       |
| Tensile stress at 300% elongation, MPa, min        | 420       | ASTM D 412 (A)       |

### Packaging

SBR-1502 is produced in the form of bales about 30 kg each, wrapped in polyethylene film. Packed in plastic or plywood containers of 1,080 kg.

### Storage and transportation

Rubber is stored indoors at a temperature not higher than +30 °C. During storage, the rubber must be protected from contamination, direct sunlight, and precipitation.